

Terabyte Track results, adhoc search task — The University of Melbourne

MU05TBa1			
Run Type	automatic		
Fields Used	title		
Links/Anchor text/Structure used	none		
Number of Topics:	50		
Total number of documents over all topics			
Retrieved:	50000		
Relevant:	10407		
Rel-ret:	7390		
% of collection indexed	100%	Number of CPUs	1
Indexing time	350 min.	System RAM	1 GB
Avg. time to retrieve top 20	0.2 sec.	Approx. system cost	\$750
Total processing time	10 sec.	Year of system purchase	2004
Size of on-disk structures	5.99 GB		

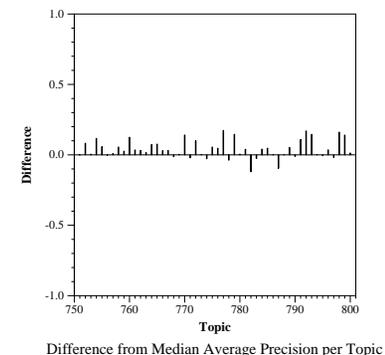
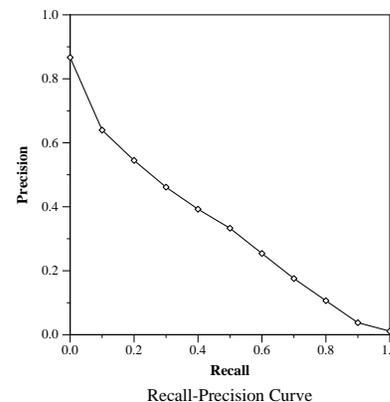
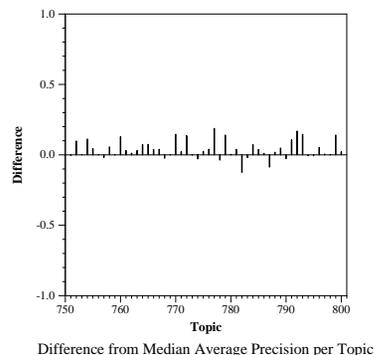
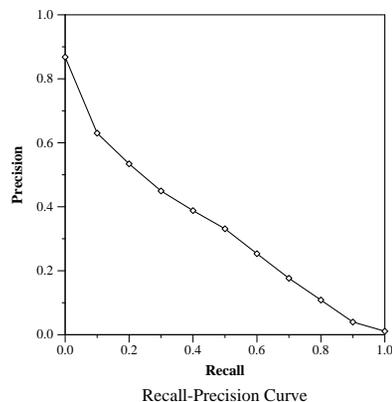
MU05TBa2			
Run Type	automatic		
Fields Used	title		
Links/Anchor text/Structure used	anchor text		
Number of Topics:	50		
Total number of documents over all topics			
Retrieved:	50000		
Relevant:	10407		
Rel-ret:	7456		
% of collection indexed	100%	Number of CPUs	1
Indexing time	738 min.	System RAM	1 GB
Avg. time to retrieve top 20	0.2 sec.	Approx. system cost	\$750
Total processing time	10 sec.	Year of system purchase	2004
Size of on-disk structures	6.07 GB		

Recall Level Averages	
Recall	Precision
0.00	0.8679
0.10	0.6302
0.20	0.5342
0.30	0.4494
0.40	0.3880
0.50	0.3311
0.60	0.2533
0.70	0.1765
0.80	0.1085
0.90	0.0397
1.00	0.0110
Mean average precision	
non-interpolated	0.3199

Document Level Averages	
	Precision
At 5 docs	0.6640
At 10 docs	0.6260
At 15 docs	0.5760
At 20 docs	0.5760
At 30 docs	0.5500
At 100 docs	0.4480
At 200 docs	0.3609
At 500 docs	0.2329
At 1000 docs	0.1478
R-Precision	0.3705
bpref	0.3746

Recall Level Averages	
Recall	Precision
0.00	0.8667
0.10	0.6396
0.20	0.5448
0.30	0.4613
0.40	0.3924
0.50	0.3329
0.60	0.2539
0.70	0.1756
0.80	0.1064
0.90	0.0376
1.00	0.0111
Mean average precision	
non-interpolated	0.3218

Document Level Averages	
	Precision
At 5 docs	0.6520
At 10 docs	0.6200
At 15 docs	0.5813
At 20 docs	0.5730
At 30 docs	0.5533
At 100 docs	0.4536
At 200 docs	0.3572
At 500 docs	0.2364
At 1000 docs	0.1491
R-Precision	0.3743
bpref	0.3771

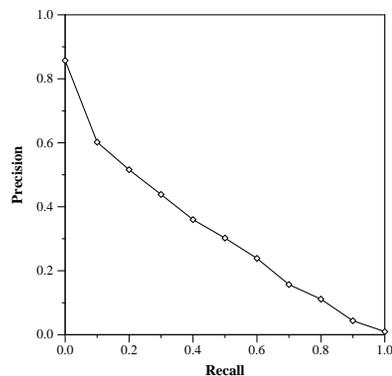


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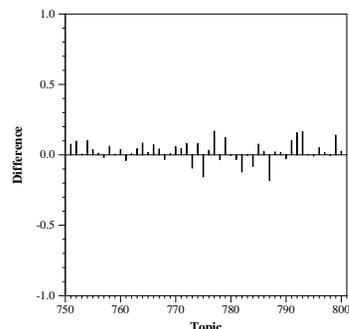
MU05TBa3			
Run Type	automatic		
Fields Used	title		
Links/Anchor text/Structure used	none		
Number of Topics:	50		
Total number of documents over all topics			
Retrieved:	50000		
Relevant:	10407		
Rel-ret:	7057		
% of collection indexed	100%	Number of CPUs	1
Indexing time	438 min.	System RAM	1 GB
Avg. time to retrieve top 20	0.84 sec.	Approx. system cost	\$750
Total processing time	42 sec.	Year of system purchase	2004
Size of on-disk structures	38.79 GB		

Recall Level Averages	
Recall	Precision
0.00	0.8572
0.10	0.6021
0.20	0.5158
0.30	0.4384
0.40	0.3599
0.50	0.3021
0.60	0.2388
0.70	0.1569
0.80	0.1113
0.90	0.0437
1.00	0.0097
Mean average precision	
non-interpolated	0.3063

Document Level Averages	
	Precision
At 5 docs	0.6640
At 10 docs	0.6360
At 15 docs	0.5813
At 20 docs	0.5760
At 30 docs	0.5453
At 100 docs	0.4456
At 200 docs	0.3538
At 500 docs	0.2276
At 1000 docs	0.1411
R-Precision	0.3619
bpref	0.3638



Recall-Precision Curve

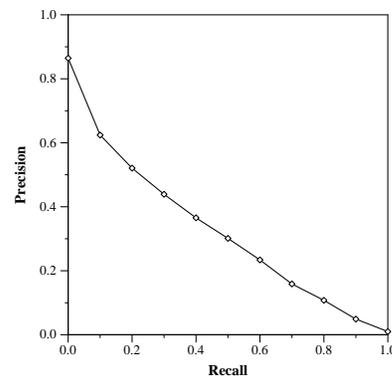


Difference from Median Average Precision per Topic

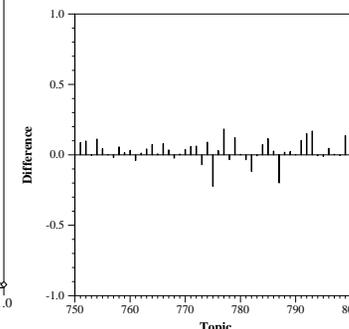
MU05TBa4			
Run Type	automatic		
Fields Used	title		
Links/Anchor text/Structure used	none		
Number of Topics:	50		
Total number of documents over all topics			
Retrieved:	50000		
Relevant:	10407		
Rel-ret:	6986		
% of collection indexed	100%	Number of CPUs	1
Indexing time	350 min.	System RAM	1 GB
Avg. time to retrieve top 20	0.2 sec.	Approx. system cost	\$750
Total processing time	10 sec.	Year of system purchase	2004
Size of on-disk structures	5.99 GB		

Recall Level Averages	
Recall	Precision
0.00	0.8644
0.10	0.6242
0.20	0.5208
0.30	0.4390
0.40	0.3654
0.50	0.3012
0.60	0.2338
0.70	0.1587
0.80	0.1076
0.90	0.0489
1.00	0.0099
Mean average precision	
non-interpolated	0.3092

Document Level Averages	
	Precision
At 5 docs	0.6480
At 10 docs	0.6260
At 15 docs	0.5933
At 20 docs	0.5760
At 30 docs	0.5567
At 100 docs	0.4466
At 200 docs	0.3471
At 500 docs	0.2240
At 1000 docs	0.1397
R-Precision	0.3586
bpref	0.3655



Recall-Precision Curve



Difference from Median Average Precision per Topic